

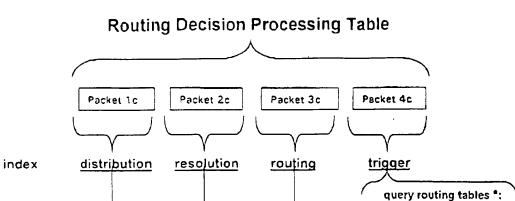
Figure 1 a

Packet 1b Packet 2b Packet 3b index table location SYNC record location server location multiple tables, but only one server "table-name SYNC table-server"

Name Space Processing Table

 $table.server.sub-level-domain \dots sub-level-domain.top-level-domain\\$

Figure 1b



create routing table:

additional DNS resolving (SYNC-record): table domain - sync-server-name

distribution routing information (wildcards possible): table-domain - sync-server-name - sync-reply

Figure 1 c

(" routing table >< table location with syne data)

queue trigger (PUSH)
polling request (PULL)

lower priority for DNS originating entries (in relay mode)

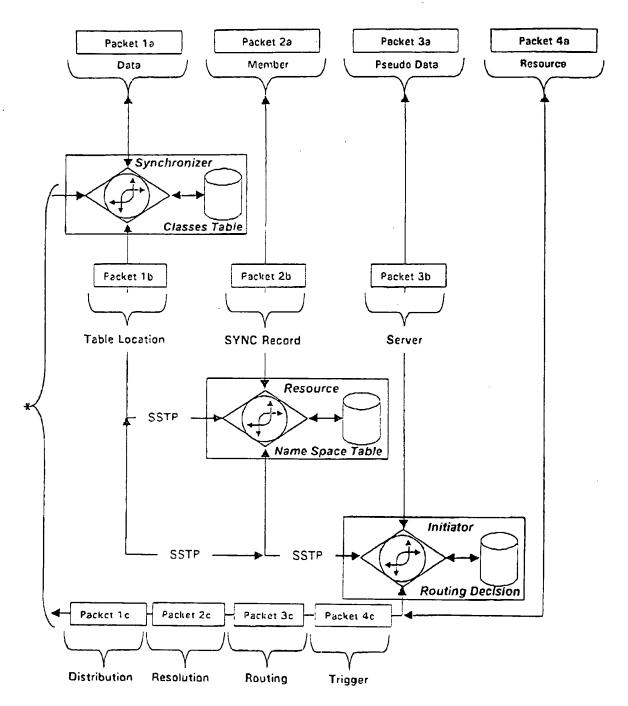


Figure 2

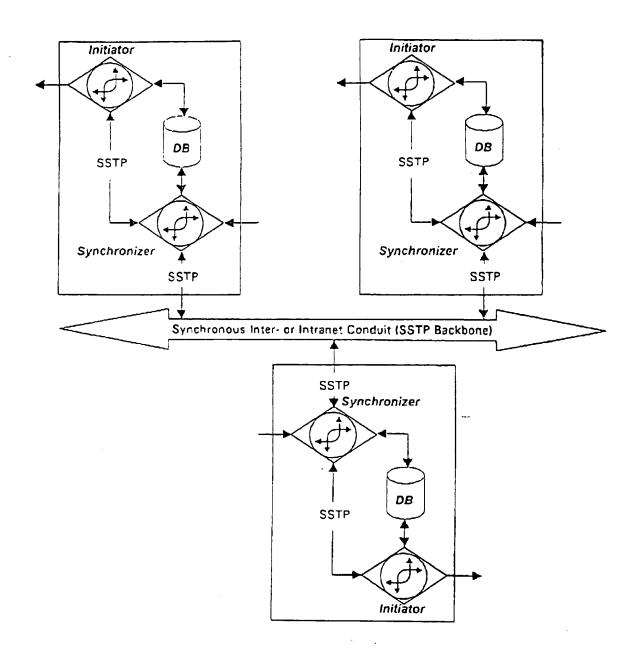


Figure 3

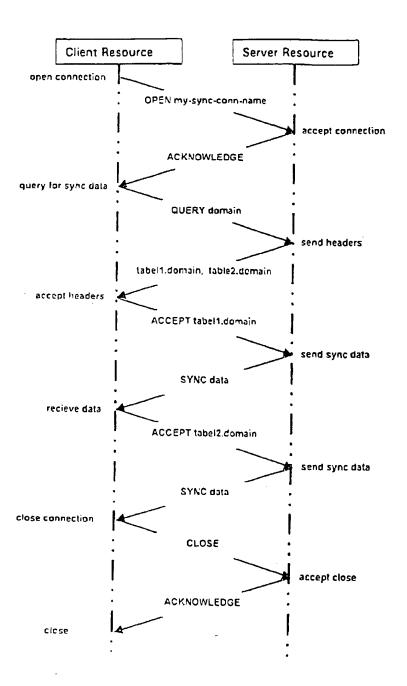


Figure 4

.. .

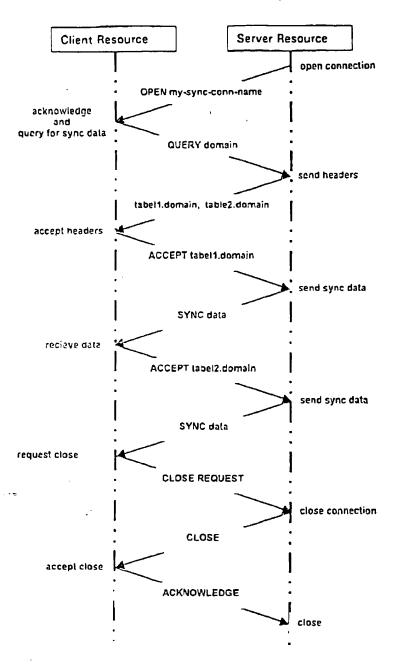


Figure 5